



The
of Wyoming



Dave Freudenthal, Governor

Department of Environmental Quality

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMIN/OUTREACH (307) 777-7758 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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July 28, 2003

Dolly Potter, Environmental Engineer
Solvay Minerals
P.O. Box 1167
Green River, WY 82935

**RE: Solvay Minerals Green River Soda Ash Plant
"D" Ore Calciner & DR-6 Product Dryer Opacity**

Dear Ms. Potter:

Permit CT-1347 condition 12 requires the allowable opacity limits for the "D" Ore Calciner (AQD #80) and the DR-6 Product Dryer (AQD #82) be set based on correlation of the unit's Continuous Opacity Monitor (COM) measured opacity during their initial performance tests and the first six months of operating opacity data.

On July 9, 2003, Solvay submitted spread sheet data for average opacity data for seven months of data. For AQD #80 the data showed a monthly high of 4.9% opacity and a monthly low of 1.4% opacity. For AQD #82 the data showed a monthly high of 7.9% opacity and a monthly low of 3.7% opacity.

Considering the data standard deviation and the accuracy of opacity meters, the Division sets the opacity limit for the "D" Ore Calciner (AQD #80) at 15% and the opacity limit for the DR-6 Product Dryer (AQD #82) at 10%. This action satisfies the requirements of Permit CT-1347 condition 12.

Please call the Lander field office at 307-332-6755 if you have questions concerning this matter.

Sincerely,

Dan Olson
Administrator
Air Quality Division

DO/cld

cc: T. Hoyt

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